UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,352,743 B2

APPLICATION NO. : 10/644,467

ISSUE DATE   : April 1, 2008

INVENTOR(S)   : Hameleers et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Fig. 5b, Sheet 6 of 10, for Tag "PCU", in Box 3, delete "SYCH" and insert - - SYNC - -, therefor.

In Column 1, Line 64, delete "Points" and insert - - points - -, therefor.

In Column 3, Lines 64-67 - Column 4, Lines 1-32, delete "This object is also solved by...............and the object movement.".

In Column 4, below Line 67 reading "… and the object movement" insert - - This object is also solved by a method for managing in a network the object traffic formed on a physical layer by a plurality of objects moving along a plurality of path sections of the network and a plurality of path points located at said path sections of the network, each path point having associated with it a traffic information unit adapted to at least to detect the arrival of objects at the respective path point and to output a corresponding object arrival information, by controlling in a packet switched control network on a traffic control layer the packet traffic constituted by a plurality of packets being routed along a plurality of packet routing links by means of a plurality of packet control units located at said packet routing links; each packet control unit being adapted to send as a source packet control unit respective packets onto a packet routing link to a succeeding target packet control unit on the basis of a respective

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Page __2__of__5__

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routing decision in accordance with a predetermined packet routing method used in said packet switched control network for the controlling of said packet traffic; wherein said packet switched control network on the traffic control layer is configured in such a way that packet routing links correspond to path sections; and packet control units correspond to path points; and wherein said controlling of said packet control unit is performed in such a way that each packet routed along a respective packet routing link corresponds to one object moving on a corresponding path section; comprising the following steps: detecting an object arrival at one of said path points and generating a corresponding object arrival information; and causing a packet control unit to send a packet corresponding to said object to the packet control unit corresponding to said path point at which the object arrival was detected. - -, therefor.

In Column 6, Line 36, delete "R_x" and insert - - Rx - -, therefor at each occurrence throughout the patent.

In Column 6, Line 36, delete "R_a" and insert - - Ra - -, therefor at each occurrence throughout the patent.

In Column 6, Line 36, delete "R_b" and insert - - Rb - -, therefor at each occurrence throughout the patent.

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 6, Line 36, delete "R_c" and insert - - Rc - -, therefor at each occurrence throughout the patent.

In Column 6, Line 38, delete "P_x" and insert - - Px - -, therefor at each occurrence throughout the patent.

In Column 6, Line 36, delete "P_a" and insert - - Pa - -, therefor at each occurrence throughout the patent.

In Column 6, Line 36, delete "P_b" and insert - - Pb - -, therefor at each occurrence throughout the patent.

In Column 6, Line 36, delete "P_c" and insert - - Pc - -, therefor at each occurrence throughout the patent.

In Column 6, Line 38, delete "TMYS" and insert - - TMSYS - -, therefor.

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INVENTOR(S)   : Hameleers et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 6, below Line 49 reading "….and third aspect of the invention;" insert - - Fig. 5b shows a principle block diagram of a packet control unit in accordance with the invention; - -.

In Column 8, Line 40, delete "SMYS" and insert - - TMSYS - -, therefor.

In Column 9, Line 24, delete "RDn" and insert - - RDN - -, therefor.

In Column 9, Line 27, delete "RDW," and insert - - RDN, - -, therefor.

In Column 9, Line 54, delete "a-respective" and insert - - a respective - -, therefor.

In Column 13, Line 22, delete "p1" and insert - - P1 - -, therefor at each occurrence throughout the patent.

In Column 13, Line 23, delete "p2" and insert - - P2 - -, therefor at each occurrence throughout the patent.

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INVENTOR(S)   : Hameleers et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 16, Line 67, after "sync5" delete "vthe" and insert - - the - -, therefor.

In Column 20, Line 3, delete "RX" and insert - - Rx - -, therefor.

In Column 21, Line 6, delete "PFCN" and insert - - PSCN - -, therefor.

In Column 27, Line 12, delete "R_d" and insert - - Rd - -, therefor at each occurrence throughout the patent.

In Column 29, Line 53, in Claim 3, after "unit" insert - - ; - -.

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: U.S. Patent No. 7,352,743

USPTO CONFIRMATION CODE: 5948

APPLICATION NO.: 10/644,467

FILED: August 20, 2003

EXAMINER: Hassan Kizou

GROUP ART UNIT: 2619

FOR: TRAFFIC MANAGEMENT SYSTEM INCLUDING PACKET TO OBJECT
SYNCHRONIZATION MECHANISMS

<u>37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION
FOR USPTO AND/OR APPLICANT MISTAKE</u>

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

SIR:

  The following is a request for a certificate of correction in Serial Number
10/644,467, now Patent Number 7,352,743.

  A certificate of correction under 35 USC 254 is respectfully requested in the
above-identified patent.

  The errors were the fault of both the applicant and USPTO and, accordingly,
please charge **$100.00** to our Deposit Account No. 50-1379. In the event that a further fee
is required, please charge the amount to the same Deposit Account.

  The exact locations where the errors appear in the patent and patent application
are as follows:

In Fig. 5b, Sheet 6 of 10, for Tag "PCU", in Box 3, delete "SYCH" and insert - - SYNC - -, therefor.
(AMENDMENTS TO THE DRAWINGS DATED AUGUST 30, 2007, SHEET 6, FIG. 5b, TAG "PCU", BOX 3)

In Column 1, Line 64, delete "Points" and insert - - points - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 2, LINE 32)

In Column 3, Lines 64-67 - Column 4, Lines 1-32, delete "This object is also solved by...............and the object movement.".
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 6, LINES 29-36 - PAGE 7- LINES 1-28)

In Column 4, below Line 67 reading "... and the object movement" insert - - This object is also solved by a method for managing in a network the object traffic formed on a physical layer by a plurality of objects moving along a plurality of path sections of the network and a plurality of path points located at said path sections of the network, each path point having associated with it a traffic information unit adapted at least to detect the arrival of objects at the respective path point and to output a corresponding object arrival information, by controlling in a packet switched control network on a traffic control layer the packet traffic constituted by a plurality of packets being routed along a plurality of packet routing links by means of a plurality of packet control units located at said packet routing links; each packet control unit being adapted to send as a source packet control unit respective packets onto a packet routing link to a succeeding target packet control unit on the basis of a respective routing decision in accordance with a predetermined packet routing method used in said packet switched control network for the controlling of said packet traffic; wherein said packet switched control network on the traffic control layer is configured in such a way that packet routing links correspond to path sections; and packet control units correspond to path points; and wherein said controlling of said packet control unit is performed in such a way that each packet routed along a respective packet routing link corresponds to one object moving on a corresponding path section; comprising the following steps: detecting an object arrival at one of said path points and generating a corresponding object arrival information; and causing a packet control unit to send a packet corresponding to said object to the packet control unit corresponding to said path point at which the object arrival was detected. - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 7, LINES 29-36, PAGE 8, LINES 1-24)

In Column 6, Line 36, delete "R_x" and insert - - Rx - -, therefor at each occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 23)

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In Column 6, Line 36, delete "R_a" and insert - - Ra - -, therefor at each occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 23)

In Column 6, Line 36, delete "R_b" and insert - - Rb - -, therefor at each occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 23)

In Column 6, Line 36, delete "R_c" and insert - - Rc - -, therefor at each occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 23)

In Column 6, Line 38, delete "P_x" and insert - - Px - -, therefor at each occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 25)

In Column 6, Line 36, delete "P_a" and insert - - Pa - -, therefor at each occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 25)

In Column 6, Line 36, delete "P_b" and insert - - Pb - -, therefor at each occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 25)

In Column 6, Line 36, delete "P_c" and insert - - Pc - -, therefor at each occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 23)

In Column 6, Line 38, delete "TMYS" and insert - - TMSYS - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 11, LINE 26)

In Column 6, below Line 49 reading "….and third aspect of the invention;" insert - - Fig. 5b shows a principle block diagram of a packet control unit in accordance with the invention; - -.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003, PAGE 12, LINES 10-11)

In Column 8, Line 40, delete "SMYS" and insert - - TMSYS - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003,
PAGE 16, LINE 27)

In Column 9, Line 24, delete "RDn" and insert - - RDN - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003,
PAGE 18, LINE 10)

In Column 9, Line 27, delete "RDW," and insert - - RDN, - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003,
PAGE 18, LINE 13)

In Column 9, Line 54, delete "a-respective" and insert - - a respective - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003,
PAGE 19, LINE 6)

In Column 13, Line 22, delete "p1" and insert - - P1 - -, therefor at each
occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003,
PAGE 25, LINE 32)

In Column 13, Line 23, delete "p2" and insert - - P2 - -, therefor at each
occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003,
PAGE 25, LINE 33)

In Column 16, Line 67, after "sync5" delete "vthe" and insert - - the - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003,
PAGE 33, LINE 5)

In Column 20, Line 3, delete "RX" and insert - - Rx - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003,
PAGE 39, LINE 10)

In Column 21, Line 6, delete "PFCN" and insert - - PSCN - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003,
PAGE 41, LINE 15)

In Column 27, Line 12, delete "R_d" and insert - - Rd - -, therefor at each
occurrence throughout the patent.
(ORIGINALLY FILED SPECIFICATION DATED AUGUST 20, 2003,
PAGE 53, LINE 18)

In Column 29, Line 53, in Claim 3, after "unit" insert - - ; - -.
(AMENDMENTS TO THE CLAIMS DATED AUGUST 30, 2007, PAGE 9 OF
15, CLAIM 18, LINE 15)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

, 2008   /SIDNEY L. WEATHERFORD,Reg#45602/
DATE   Sidney L. Weatherford
                                   Registration No. 45602

                                   Attorney of Record